



U.S. Army
Southern Regional Environmental Office
REGIONAL REVIEW



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REGION 4 EDITION

This publication provides current information on environmental actions and events in the Federal Region 4 area (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee) that affect U.S. Army activities and operations. Its purpose is to keep Army environmental decision makers, planners and program managers abreast of developments important to their responsibilities. We encourage feedback and welcome suggestions for expanded or improved coverage. Please contact us at U.S. Army Environmental Center, Southern Regional Environmental Office, Attn: SFIM-AEC-SR, 430 Tenth Street N.W. Suite S-206 Atlanta, GA 30318-5768, (404) 347-1570 ext. 275 commercial, (404) 347-1577 fax, or electronically at mgrice@sreo.army.mil. For additional sources of information regarding environmental regulations, please contact the Army Environmental Information System Hotline at 1-800-USA-EVHL or <http://aec.army.mil/>

ANNOUNCEMENTS

1999-2000 Risk Communication Workshops: In the face of increasing public interest and knowledge about environmental and health issues, being able to communicate this kind of information clearly and effectively is critical to the success of your program. To support this need, the following Risk Communication Workshops are being conducted:

Introductory Classes: 21-23 September 1999 Edgewood, MD: 3-5 November 1999 Edgewood, MD: 11-13 January 2000 Washington, DC: 29 Feb – 2 March 2000 San Antonio, TX: 2-4 May 2000 Baltimore, MD: 6-8 June 2000 Seattle, WA: 22-24 August 2000 Baltimore, MD **Advanced Classes:** 7-10 September 1999 Edgewood, MD: 7-10 February 2000 Seattle, WA: 10-13 April 2000 San Antonio, TX: 17-20 July 2000 Baltimore, MD. For More Information or a Workshop Application, Please Call Laura Hoover at (410) 436-7715 or check out the [website](#).

4th Annual Joint Services Pollution Prevention/Hazardous Waste Management Conference & Exhibition, December 6-9, 1999: The Annual Joint Services Pollution Prevention Conference and Exhibition Offers:

- A National Forum for Exchanging Ideas
- Success Stories
- Case Histories
- Technologies related to Pollution Prevention
- And, for the first time, Hazardous Waste Management

This conference, hosted annually by the Air Force Center for Environmental Excellence, crosses Federal, DoD, Academia and industry boundaries, opening channels for a combined effort to implement the essential pollution prevention and hazardous waste objectives shared by all. All this while still retaining a focus on base-level applications. This year the conference will be held 6-9 December 1999, at the Henry B. Gonzalez Convention Center in San Antonio, Texas. Next year the conference will return to its original time 21-24 August, 2000. All logistical support is provided by the [National Defense Industrial Association](#). Register [here](#). AFCEE Contacts Ms. Miriam E. Ortiz Phone: (210) 536-3403, (DSN) 240-3403 E-mail: miriam.ortiz@hqafcee.brooks.af.mil

Basic Industrial Waste Reduction Training Course: This course will be taught 15-19 November in Austin, TX. The goal of the course is to train and enable participants to conduct basic industrial Waste Reduction (WR) and Pollution Prevention (P2) assessments. The training will emphasize source reduction techniques from the industrial point of view (cost savings as well as environmental) for all media: air, solid, water, hazardous, non-hazardous, and energy. The course will also include an opportunity for members to conduct actual P2 assessments during the training. Space is limited, but if enough interest is expressed, another training course will be scheduled at a more central location within Region 4 early next year. The training course is sponsored and taught by an EPA Region 4 P2 Program and TVA Process & Prevention Services Team Industrial Waste Reduction Team. The course tuition is \$1,000 and is payable by DD Form 1556 or by federal credit card. For more detailed information or to register, contact Steve Hillenbrand at (423) 632-8489 or sjhillenbrand@tva.gov.

Final Guidance on Environmentally Preferable Purchasing: The U.S. Environmental Protection Agency (EPA) has revised its general guidance to assist executive agencies with the identification and acquisition of environmentally preferable products and services. The guidance is designed to assist executive agencies with the implementation of the environmentally preferable purchasing provisions of Executive Order 13101 and Section 23.704 of the Federal Acquisition Regulations. The notice announcing the issuance of the final guidance was published in the 20 August 1999 *Federal Register* (64 FR 45810). The document has been posted on the Internet at <http://www.epa.gov/opptintr/epp/finalguidance.htm>. For further information contact: Eun-Sook Goidel, EPA, Office of Pollution Prevention and Toxics, (202) 260-3296, fax (202) 260-0178, e-mail: goidel.eunsook@epa.gov

Reducing Solid Waste Through EPA's Wastewise Program: Within the next few months the U.S. Environmental Protection Agency's (EPA's) WasteWise program will be conducting a recruiting campaign aimed at federal facilities. WasteWise is a free, voluntary, program focusing on the reduction of solid waste. The agency works with program participants to set waste reduction goals and devise strategies to achieve those goals. Partners file annual progress reports. The program also provides technical assistance and opportunities to network with peer companies to learn waste reduction techniques. WasteWise partners reported in 1997 that they reduced waste by more than 816,000 tons, saving an estimated \$ 88 million in avoided costs. Partners also collected nearly 7 million pounds of materials for recycling, saving an estimated \$ 218 million in avoided disposal fees. For further information contact the WasteWise helpline at 1-800-EPAWISE (1-800-372-9473)

Water/Wastewater System Management Workshop: AEC, in conjunction with the Army Installation Support Center (ISC), will be sponsoring a workshop in Atlanta, GA: 1-4 November, 1999 to provide training on several products that have been jointly developed to assist installations in the management of their water and wastewater system. These products are: Water Compliance Assessment Protocol, Wastewater Compliance Assessment Protocol, Wellhead Protection Program Development – User Guide and Model Schedule of Services, Cross-Connection Control Program Development – User Guide and Model Schedule of Services. During the workshop training and instruction will be provided on:

- The use of the water and wastewater assessment protocols developed to assess the capability of the water and wastewater systems to meet regulatory requirements based on its capacity, operation and maintenance, and physical condition.
- The key elements/components of cross-connection control and wellhead protection programs.
- The use of the Model Schedule of Services developed to assist personnel at military installations in contracting services to implement a cross-connection control program and develop wellhead protection plans.

The workshop is intended for installation personnel who have responsibilities related to the management of water/wastewater systems and/or implementation of wellhead protection or cross-connection control.

RASco, Inc., is coordinating and facilitating these workshops for us. For more information and to register please contact: Hans Graven at 703/643-2952, FAX: 703/497-2905, e-mail: RAScoWS@aol.com. Attendance will be limited. The cost is \$25. If you have other questions, please call Georgette Myers (410) 436-1203 or Bob Fenlason (703) 806-5201.

FEDERAL

Air Emissions Management

PETITION TO DELIST ETHYLENE GLYCOL BUTYL ETHER FROM THE LIST OF HAZARDOUS AIR POLLUTANTS

(HAPS): The Chemical Manufacturers Association (CMA) has requested that the U.S. Environmental Protection Agency (EPA) remove ethylene glycol butyl ether (EGBE) from the list of HAPs contained in section 112(b)(1) of the CAA. The notice announcing receipt of the petition was published in the 3 August 1999 *Federal Register* (64 FR 42125). For further information contact: Ted Palma, EPA, Office of Air Quality Planning and Standards, (919) 541-5470, e-mail: palma.ted@epa.gov.

AIR QUALITY INDEX REPORTING: The U.S. Environmental Protection Agency (EPA) has revised the uniform air quality index used by states for daily air quality reporting to the general public. The changes add the following elements: (1) a new category described as "unhealthy for sensitive groups;" (2) a new requirement to report a pollutant-specific sensitive group statement when the index is above 100; (3) a new requirement to use specific colors if the index is reported in a color format; (4) new breakpoints for the ozone sub-index in terms of 8-hour average concentrations; (5) a new sub-index for fine particulate matter (PM_{2.5}); (6) conforming changes to the sub-indices for coarse particulate matter (PM₁₀), carbon monoxide, and sulfur dioxide; and (7) a change in the name of the index from the Pollutant Standards Index (PSI) to the Air Quality Index (AQI). The final rule was published in the 4 August 1999 *Federal Register* (64 FR 42530). The effective date is 4 October 1999. For further information contact: Terence Fitz-simons, EPA, (919) 541-0889, e-mail: fitz-simons.terence@epa.gov. For health effects information contact: Susan Lyon Stone, EPA, (919) 541-1146, e-mail: stone.susan@epa.gov.

TITLE V OPERATING PERMIT DEFERRALS: The U.S. Environmental Protection Agency (EPA) is proposing to continue to allow permitting authorities the discretion to defer Title V operating permitting requirements until 9 December 2004 for area sources subject to the following NESHAP source categories: (1) chromium emissions from hard and decorative chromium electroplating and chromium anodizing tanks; (2) ethylene oxide commercial sterilization and fumigation operations; (3) perchloroethylene dry cleaning facilities; (4) halogenated solvent cleaning machines; and (5) secondary lead smelting. Sources must continue to meet all applicable requirements, including all applicable emission control, monitoring, recordkeeping, and reporting requirements established by the respective NESHAP. The proposed rule was published in the 18 August 1999 *Federal Register* (64 FR 45116). For further information contact: Rick Colyer, EPA, Emission Standards Division, (919) 541-5262, fax (919) 541-0942, e-mail: colyer.rick@epa.gov.

HALOGENATED SOLVENT CLEANING The U.S. Environmental Protection Agency (EPA) has: (1) provided NESHAP compliance options for continuous web cleaning machines; and (2) amended the NESHAP for steam-heated vapor cleaning machines and cleaning machines used to clean transformers. Unless adverse comments are received, the effective date is 18 October 1999. The proposed (64 FR 45221) and direct final (64 FR 45187) rules were published in the 19 August 1999 *Federal Register*. For questions concerning standards contact: Paul Almodovar, EPA, Emission Standards Division, (919) 541-0283. For information regarding applicability of this rule contact: Acquanetta Delaney, EPA, Office of Compliance, (202) 564-7061.

VEHICLE INSPECTION MAINTENANCE PROGRAM REQUIREMENTS The U.S. Environmental Protection Agency (EPA) is proposing several substantive and minor revisions to its Motor Vehicle Inspection/Maintenance (I/M) requirements. The rulemaking would: (1) modify current I/M performance standard modeling requirements; (2) provide states greater flexibility in how they meet performance standards; (3) remove the provision establishing decentralized, test-and-repair credit discounts; (4) revise certain test procedures, standards, and equipment requirements; (5) change the data collection, analysis, and reporting requirements to make them consistent with various alternative test and program types; (6) make minor revisions to the inspector training requirements; (7) revise the requirements for consumer protection; (8) improve repair effectiveness to limit the current requirement to provide diagnostic information; and (9) expand the options for complying with the on-road testing requirements to accommodate more recent variations, such as clean screening and non-tailpipe based roadside tests. The proposed rule was published in the 20 August 1999 *Federal Register* (64 FR 45491). For further information contact: David Sosnowski, EPA, Office of Mobile Sources, (734) 214-4823.

EPCRA Reporting

EPA ISSUES NOVS FOR EPCRA NON-COMPLIANCE The U.S. Environmental Protection Agency (EPA) has increased Emergency Planning and Community Right-to-Know Act (EPCRA) and Toxic Release Inventory (TRI) investigations at military bases. Recently, the agency issued Notices of Violation (NOVs) to several military bases for non-compliance. Executive Order 12856 requires federal facilities to comply with EPCRA, and, beginning in 1999, such munitions activities as production and demilitarization of munitions and related items will be regulated under the Act.

REPORTING REQUIREMENTS FOR LEAD AND LEAD COMPOUNDS The U.S. Environmental Protection Agency (EPA) is proposing to: (1) lower the reporting thresholds for lead and lead compounds which are subject to reporting under section 313 of EPCRA and section 6607 of the PPA; (2) limit the reporting of lead when contained in certain alloys; and (3) modify certain reporting exemptions and requirements for lead and lead compounds. Potentially affected entities include, but are not limited to: federal facilities that manufacture, process, or use lead or lead compounds; or burn coal or petroleum products. The proposed rule was published in the 3 August 1999 *Federal Register* (64 FR 42222). For further information contact: Daniel Bushman, EPA, (202) 260-3882, e-mail: bushman.daniel@epa.gov.

Hazardous Waste Management

MERCURY-BEARING HAZARDOUS WASTES The U.S. Environmental Protection Agency (EPA) has extended the comment period from 27 July to 25 October 1999 regarding an advance notice of proposed rulemaking published on 28 May 1999 (64 FR 28949). The EPA is soliciting comment in the notice on the following topics: (1) waste generation and treatment data for mercury-bearing hazardous wastes; (2) technical and policy issues regarding mercury waste treatment; and (3) avenues by which current mercury treatment standards might be revised. The notice announcing the extension of the comment period was published in the 27 July 1999 *Federal Register* (64 FR 40534). For general information contact EPA's RCRA Hotline at 1-800-424-9346 or (703) 412-9810 in the Washington, DC metropolitan area. For technical information contact: EPA, Office of Solid Waste - Rita Chow, (703) 308-6158, or Josh Lewis, (703) 308-7877.

Potable Water Management

NATIONAL DRINKING WATER CONTAMINANT OCCURRENCE DATABASE (NCOD) The U.S. Environmental Protection Agency (EPA) has posted its NCOD on the Internet at <http://www.epa.gov/ncod/>. The database contains information on contaminants that occur or are likely to occur in public drinking supply systems. The notice announcing the release of the database was published in the 11 August 1999 *Federal Register* (64 FR 43701). For further information contact: Charles Job, EPA, (202) 260-7084, fax (202) 260-3762.

Solid Waste Management

STANDARDS FOR THE USE OR DISPOSAL OF SEWAGE SLUDGE The U.S. Environmental Protection Agency (EPA) has amended regulations concerning the land application, surface disposal, and incineration of sewage sludge. The action: (1) clarifies existing regulatory requirements regarding operational standards for pathogen and vector attraction reduction; (2) provides flexibility to permitting authorities and the regulated community in complying with the minimum frequency of monitoring requirements; (3) makes the incineration subpart of the regulation totally self-implementing by providing information on air dispersion modeling, incinerator testing methods, and continuous emission monitors to the sewage sludge incinerator owner-operator; and (4) adds a concentration for total chromium in land-applied sewage sludge to the list of pollutants that are eligible for removal credits. The final rule was published in the 4 August 1999 *Federal Register* (64 FR 42552). For further information contact: Alan Rubin, EPA, Office of Science and Technology, (202) 260-7589.

LEAD-BASED PAINT ACTIVITIES IN TARGET HOUSING AND CHILD-OCCUPIED FACILITIES The U.S. Environmental Protection Agency (EPA) has extended the effective dates for the training and certification of workers and work practice standards for lead-based paint activities in target housing and child-occupied facilities. The extension applies only in states where the agency is operating the federal lead-based paint program. You may be affected by this rule if you operate a training program required to be accredited under 40 CFR 745.225, or if you are a professional, individual, or firm who must be certified to conduct lead-based paint activities in accordance with 40 CFR 745.226. The final rule was published in the 6 August 1999 *Federal Register* (64 FR 42849). For technical information contact: Ellie Clark, EPA, Office of Pollution Prevention and Toxics, (202) 260-3402, fax (202) 260-0770, e-mail: clark.ellie@epa.gov. For general information contact: Christine Augustyniak, EPA, Office of Pollution Prevention and Toxics, (202) 554-1404, e-mail: tsca-hotline@epa.gov.

Wastewater Management

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT APPLICATION REQUIREMENTS The U.S. Environmental Protection Agency (EPA) has amended its permit application requirements and application forms for publicly owned treatment works (POTWs) and other treatment works treating domestic sewage (TWTDS); included are federally owned treatment works and facilities that generate sewage sludge, provide commercial treatment of sewage sludge, manufacture a product derived from sewage sludge, or provide disposal of sewage sludge. The agency expects the final rule to reduce current annual reporting and record keeping burdens by 21 percent. More specifically, the rule: (1) consolidates POTW application requirements, including information regarding: (a) toxics monitoring, (b) whole effluent toxicity (WET) testing, (c) industrial user and hazardous waste contributions, and (d) sewer collection system overflows; (2) requires toxic monitoring by major POTWs (and other pretreatment POTWs); (3) requires limited pollutant monitoring by minor POTWs; (4) replaces existing Standard Form A and Short Form A with Form 2A; (4) clarifies requirements for TWTDS; (5) allows permitting authorities to obtain information needed to issue permits regarding sewage sludge use or disposal; (6) replaces the existing Interim Sewage Sludge Form with Form 2S; and (7) lifts the stay of a 24 August 1998 final rule (63 FR 45113) streamlining state sewage sludge regulations. The final rule was published in the 4 August 1999 *Federal Register* (64 FR 42434). For information concerning Form 2A and municipal wastewater permitting issues contact: Robin Danesi, EPA, Permits Division, (202) 260-2991. For information regarding Form 2S and sewage sludge permitting issues contact: Wendy Bell, EPA, Permits Division, (202) 260-9534

INDUSTRIAL LAUNDRIES POINT SOURCE CATEGORY On 17 December 1997 (62 FR 66182) the U.S. Environmental Protection Agency (EPA) proposed pretreatment standards for industrial laundry wastewater pollutants. Recently, the agency has decided not to promulgate national pretreatment standards for the industrial laundries point source category. Instead, the agency believes that the best way to control certain organic discharges from this industry is to remove the pollutants which are contained on the laundry items before they are washed. In the first quarter of the year 2000 the EPA Office of Solid Waste plans to address ways of decreasing the amount of solvent-based organics being sent to laundries. The notice announcing the withdrawal of the proposed rule was published in the 18 August 1999 *Federal Register* (64 FR 45072). For further information contact: Marta Jordan, EPA, (202) 260-0817.

GEORGIA

Media/Regulatory Area: Air
Announcing Agency: Department of Natural Resources
Purpose of Notice: The Department has amended its air rules concerning enhance inspection and maintenance (391-3-1 and 391-3-20). The Department's amendments: require annual emission testing; require the use of ASM 25-25/15 test, which the Department believes will result in an emission reduction of 11 tons per day; and require on-board diagnostic testing for newer vehicles (those produced in 1996 or later). The Board of Natural Resources adopted the amendments 09/16/99. The annual testing will be phased in beginning 01/01/00. The revised ASM2 25-25/15 test will begin to be used 01/01/02. The on-board diagnostic test for new vehicles will begin 01/01/01.
Effective Date: Sep 16,99
Source: Stateside Report, 7 October 1999
POC: Marlin Gottschalk, 404-363-7024

KENTUCKY

Media/Regulatory Area: Solid Waste
Announcing Agency: Dept for Environmental Protection
Purpose of Notice: The Department has adopted regulations that will govern the management of solid waste. A Kentucky statute requires those persons engaging in the management, processing, and disposal of waste obtain a permit. This rule establishes the requirements for registered permits-by-rule. The Department has amended its proposal to clarify sections regarding landfarming, composting, waste transfer stations and recycling centers. The Legislature amended the proposal so that registrations will be approved unless acted upon the Department within a specified period of time. The Department adopted the proposal with amendments. The Legislature approved the proposal, with amendments.

Effective Date: Sep 8, 99
Source: Stateside Report, 7 October 1999
POC: Mark Ritter, 520-564-6716

Media/Regulatory Area: Solid Waste
Announcing Agency: Dept of Environmental Protection-Solid Waste Division
Purpose of Notice: The Department has revised its landfill siting criteria rule so that it will govern small landfills. This rule will most heavily impact construction and demolition contractors, but may impact others as well. The Department amended its proposal to clarify cover requirements and disposal restrictions. The Legislature amended the proposal to allow for alternate cover and establish a maximum capacity for small landfills. The Department held a public hearing 04/27/99 and written comments were accepted until that date. The Department has adopted the proposal with amendments. The Legislature approved the proposal with amendments.

Effective Date: Sep 8, 99
Source: Stateside Report, 7 October 1999
POC: Mark Ritter, 520-564-6716